



April 26, 2000

**FOR IMMEDIATE RELEASE**

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**SIEMENS SOLAR ANNOUNCES 10-YEAR WARRANTY  
FOR INDUSTRY-LEADING CIS MODULES**

**Full Product Line from ST5 to ST40 Modules Covered**

CAMARILLO, Calif., April 26, 1999 -- Siemens Solar today announced that the ST family of solar modules using the company's industry-leading Copper Indium Diselenide (CIS) thin-film technology is now covered with 10-year warranties. The family includes the ST5, ST10, ST20 and ST40, representing efficient solar power at 5, 10, 20 and 40 Watts.

The ST family performs efficiently in all operational conditions. The distinctive ability to deliver battery-charge power levels in low-light situations makes CIS particularly effective in adverse or changeable environments.

1998, Siemens Solar was the first company in the world to seriously produce a family of CIS modules. Thin-film technology based on CIS (Copper Indium DiSelenide) first appeared on the market in the form of a 5-Watt module (ST5) and 10-Watt module (ST10). These solar modules are particularly suitable for battery-charging systems with low power

requirements. The ST20 is also ideally suited to this kind of application, e.g. in emergency telephones or telemetry systems.

Higher power modules – like the ST40 – are suitable for grid-connected systems. The matt-black solar module, which is particularly homogeneous in appearance, opens up new horizons for architects and designers particularly in the field of facade systems. CIS technology can now be applied to ensure a level of area efficiency previously only attainable with crystalline solar modules.

Siemens CIS solar modules have exceptionally high levels of efficiency and power stability, as shown in tests over an eight-year field trial conducted by the National Renewable Energy Laboratory (NREL).

## About Siemens Solar

Siemens Solar comprises Siemens Solar GmbH in Munich, a joint venture of Siemens AG and Bayernwerk AG, Siemens Solar Industries L.P. in Camarillo, Calif., and two Joint Ventures: Siemens Showa Solar Ltd., Singapore, and Showa Solar Energy KK, Tokyo. To date, Siemens Solar has supplied over 150 MW of solar cells and modules throughout the world, making it the leading company in the photovoltaics industry. The company's web site is [www.SiemensSolar.com](http://www.SiemensSolar.com). For sales information, contact [ssi.sales@solar.siemens.com](mailto:ssi.sales@solar.siemens.com).

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